15

49-50

195

**File No.** 305/48 (8)

P.W. **DEPARTMENT**

**B CLASS** El **BRANCH**

**Subject:—** Electric License.

Report by the Electrical Engr. to Govt on the position of supply of - by the Nilgiri Electricity Co Ltd.

B [K] 1950

**File No.** 305/48 (8) - EC

Ed. Scott. Slip. 24 A.

G. R., G. D., No. 2403, dated 22-6-22.

Std. Sectt. 78 e.

# DOCKET SHEET

*Subject:*—

**File No.** 305/48(8)

P.W **DEPT.**

El **BRANCH.**

*References:*—

| Date. | To whom sent. | Notes and instructions. |
|---|---|---|
| 15/12 | S.S. | Issue reminder to Engineer. (15-12-50) |
| 1/3/51 | El I | |
| 11/4 | S.S. | Issue letter on file 7 & 8. |
| 19/4 | File Br | Await (1-6-50) |
| 29/7 | S.S. | Issue reminder to Engr. (29-7-51) |
| 6/8/51 | El I | |
| 29/8 | S.S. | Issue letter & enclt on p 13 c/s & back with one sheet only of File (A) |
| 4/9 | File Br | |
| 10/11/51 | El I | |
| 19/9 | S.S. | Issue letter on pp 17-18 c/s |
| 29/9 | File Br | File (A). |

305/48(4)
40927.

El.Br. P.M.O.

Submitted together with S. Nos. 39133, 40210, 40211, 40488, 40809 and 41966.

2. The main file No. 305/48 has been put up with S. 92/37638 which has been submitted to the D.S. & Secy.(I) on 27-6-49. It is to be referred U.O. to the El.Comnr.

These references may be awaited till the file is received from the El.Comnr.

Id/- N.R.R.
29-6-49

Id/- J.M.D.
29-6-49
A.A.S.

Id/- K.V.J.
29-6-49
D.S.

-10-
PEB/24/11

3 P.W.D. 305/48 (8)
40210

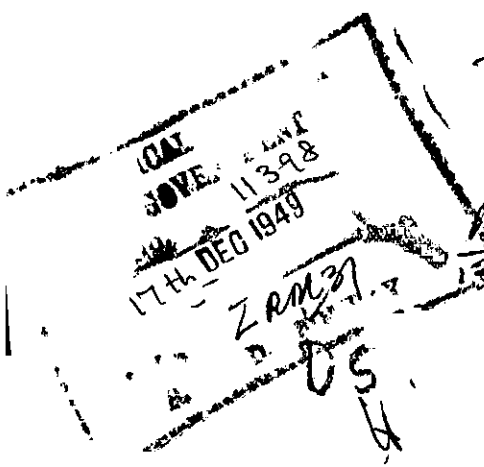
Sol. Br. (E)

Resubmitted with refce to the O.N. of the 29-6-49, copy at p. 1 ante.

2. The main file has been received & is being dealt with separately. Copies of relevant ppts. have been put up at pp. 1 to 4 of corrs section. The Nipani Ely. Coy, Ltd. was advised to replace its old sets by new ones, vide G.I. No. 305/48-El, of the 6-6-49, copy at p. 3 of C.S. P. 3 of C.S. Please see the coy's reply at p. 5 of C.S. This may be referred re. to the El. Engr. for remarks.

13/12/49

14/12/49




[illegible] 16-12-49

Below U.O.R.No.305/48(8)/40210 dated the 16th February 1950, from Government in the Public Works Department.

No. LRM31/1024/ of 1950.

Bombay, 28th February 1950.

Returned, with compliments.

2. The Company has installed a new additional set of 140 K.W., which has been brought into commission recently. The Company now intends to overhaul and recondition the old sets.

3. The new set having been put into commission, the station is now able to accommodate the immediate requirements of the town. The existing maximum demand on the station is 148 K.W. Daily working of the new set is essential to meet the above demand, as the capacity of the remaining sets is not adequate to accommodate the peak load. It will, therefore, be difficult to carry out the necessary overhauling and repairs of the new set, unless the Company orders out new additional plant, which will also serve as a standby.

4. It is reported that sets No.1 and 2 of 39 K.W.each are in such condition that any further repairs will not improve their output. The genuine spare parts of the engines are not available and hence the parts are manufactured locally in the Company's workshop. Proper reconditioning of the engines, under such circumstances, is very doubtful, and it is considered advisable to replace these worn out sets by new ones.

5. It is, therefore, suggested that the Company be asked to order out an additional set of adequate capacity in order to replace the....

the existing ~~ex~~ worn out sets and to have a reliable standby plant.

Electrical Engineer to Govt.

P.

E&T 1/3
P. W. D.
File No. 305/48(8)
Serial No. 16547

305/48[8]/16547.

E[B.v.(I).

P.W.D.

Submitted with reference to the O.N. p.3 -dated the 13-12-49.

2]. It will be seen from the Elect. Engr's ~~letter~~ report (pp. 5-6) within that the new set of 140 kW has since been put into commission by the Nipani Ely. Coy., Ltd. The total installed capacity of the station has now increased from 178 (100+39+39) kW to 318 kW and the maximum demand from 110 kW to 148 kW. It seems that all the 11 pending requisitions have been complied with by the Coy. As all the three old sets together are able to take up a load of 110 kW only it will be necy. for the Coy. to run the new set daily & it will not thus be possible for the Coy. to carry out overhauling and repairs to the new set unless the Coy. orders out an ~~addl~~ addl set, which wd also serve as a stand-by. The Elect. Engr. has also reported that it is doubtful whether it is possible to carry out proper reconditioning of the two old sets of 39 kW each as stated by the Coy. He therefore considers it advisable to ask the Coy. to order out an addl set of adequate capacity in order to replace the

305/48(8)/16547.

the existing worn out sets & to have a reliable stand by plant. It is for orders whether the Coy. may be informed accordingly.

[Through El Br.(II)]

18-3-50.

28/3/50

Shri Iyricar's suggestion may be accepted

ky-28/3/50

Secy.

28/3

30/3

El Br (I).

PW.D.

PO.7-8(ats) 31/3

Resubmitted with the necessary draft letter for approval.

3/4/50.

5.4.50.

ky 6/4/50

31/3

D.S.

El.Br(1) 7 305/48(8)/58068

P.W.D

Submitted with reference to G.L. dated the 12-4-50

2. The letter dated the 14-7-50, from the Suptdg Engr. may be shown no. to the Exec. Engr. for remarks in the first instance.

17/7/50 Clean copies of the letter and their enclosures should have been sent in the first instance.

24/7/50

E.

305/48(18)/58068.

E.I.Pr.(1) P.W.D.

Resubmitted with reference to A.A.S.e.'s orders overleaf.

2. Page No 9 of the C.S. has been repaired. This is noted for future. The letters may now be returned to the Engr on Project overleaf.

27/7/50

27/7/50.

[illegible]

[illegible]

[illegible]

(Originals in F.B.Bch.(II) File No.6173/36/66931 of 16-8-50).

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Below U.O.P.No.6173/36/25515 dated the 25th April 1950, from Government in the Public Works Department.

---

No.L.45/6713 of 1950.
Bombay, 12th August 1950.

Returned, with compliments.

2. The safe loading capacity of the installed plant is 230 K.W. and the peak load on the station is 120 K.W.

3. Due to the sudden break-down of set No.3, the Company has been forced to reduce the supply to 10 hours per day and to abandon, for the present, the proposal of giving 17 hours supply. At present, set No.4 is the only dependable working set in the power house.

4. The Company has not placed an order for an additional set. It proposes to recondition all the three old sets by ordering out some genuine spare parts from abroad, which were not available till now. The company has ordered out a new shaft for set No.3 and it will take about a year for the same to arrive in India. The Company has also ordered out some spare parts for sets Nos.1 and 2 from abroad which are likely to be received within the next two months. After replacing the parts and reconditioning sets Nos.1 and 2, the Company expects to materially improve the load condition and to meet the immediate demand of the town, and also to increase the present hours of supply. The

purchase.....

purchase of the additional plant is not, therefore, considered necessary for the present.

(Sd,) Nadkarni,

Electrical Engineer to Government.

MKP
24/

Below U.C.R.No.305/48(18/55008 dated the 28th July 1950, from Government in the Public Works Department.

=====

No.IPM.51/6758 of 1950.

Bombay, 12th August 1950.

1. Returned with compliments.

2. In this connection, reference is requested to this office U.O.R. No.L.45/ 6713 dated 12-8-1950 (Public Works Department file No.CIR0/SC/2751 ).

Electric Inspector to Govt.

305/48(8)

66930

El. Por. (I) 5 305/48(S)/603 X

P.W.D.

Submitted with reference to D.O. letter No. 17.8. dated 20-3-50.

2. In the circumstances stated by the Elect. Engr., Govt. need not insist upon the suppliers to purchase the new generating set. The draft, put up for approval, may issue, if approved.

[ Thro' El Por. (II) ]

28.8.50 26/8/50

4/8

17

305/48(8)
74956

El. Br. (I).

P.W.D.

Submitted with ref. to G.L. No. 305/48(8) – El (I), H. the 30-8-50.

2. A copy of the Company's letter reqd. by the El. Engr. may be supplied as per draft put up for approval.

14/9/50.

16/9/50

G. R., G. D., No. 2408; dated 22-6-22

Std. Sectt. 78 e.

# DOCKET SHEET

*Subject:—*

**File No.** 305/48 (8)

P.W. **DEPT.**

E/ **BRANCH.**

*References:—*

| Date. | To whom sent. | Notes and instructions. |
|---|---|---|
| | | |

NIPANI ELECTRICITY COMPANY, LTD., NIPANI.

The power house is equipped with 3 generating sets, two of which are rated for 39 K.W.each, and one for 100 K.W..The peak load on the station goes to 110 K.W. and the present generating plant is just able to cope up with this peak load. The plant is working under full load condition. Complete overhauling of all the sets and replacement of their worn out parts are considered essential. This work cannot be undertaken du due to lack of standby plany. As the two sets of 39 K.W. each are considerably worn out, the management is thinking of replacing them at an early date. There are about 11 requisitions for motive power pending with the Company, but no requisitions for lighting are pending.

A

The Supply Company has placed an order for additional plant of 140 K.W. capacity. The engine has arrived at site and is in course of erection. The generator and the switchboard panel are expected within the next few months. The Supply Company may be asked to replace the existing deteriorated sets by new ones of adequate capacity, so that these sets will serve as standby and will be able to satisfy the additional demand of the town within the next few years.

Sd/-
Electrical Engineer to Govt.

2.
SSS.
24/11/49

No.305/48-El. P. W. Deptt.,
B.C.,(Bombay No.1),6th June 1949.

To

Messrs. Nipani Electricity Coy. Ltd.,
Nipani.

Subject:- Elec. supply at Nipani.

Dear Sirs,

It is understood that your plant is working under full load condition and necy. thorough overhauling and replacement of worn out parts cannot be undertaken for want of a standby plant. You are therefore requested to replace the deteriorated sets by new ones of adequate capacity so that the existing sets will serve as standby plant and will be able to cope with the demand of the town in the next few years.

Yours faithfully,

D.A.-Nil.

Cop Copy forwarded for information to the El.Engr. to Govt. with refce. to the corres. ending with his No.L.R.M.31/6712, dt. the 31-1-49.

Copies to the Elecl. Commr. with the Govt. of Bombay, for information.

Id/-
21-5-49.

Id/- K.D.K.
27-5-49.
U. S.

Id/- K.V.J.
27-5-49.
S. D.

2.
SSS.
12/12/49.

$5

# The Nipani Electricity Company Ltd.,

Nipani..16.-.6.-.49

Ref. No.156 of 1949/50.

The Deputy Secretary to the Government of Bombay,
Public Works Department,
B O M B A Y.

Sub:- Electric Supply At Nipani.

Dear Sir,

We acknowledge the receipt of your letter No. 305/48-El. dated 6-6-49 and beg to state that, we are erecting a new 234 B.H.P. SLM Generating Set in our powerhouse which will be put in commission within next two months. As soon as it begins working, we will be able to take up the work of through overhauling and replacement of worn out parts of the present working sets. There is no necessity to order any New Generating Sets in near future.

Yours faithfully,
For The Nipani Electricity Co., Ltd.,

S. V. Sane

Resident Engineer.

E1/12

17.2016

305/48(8)

E1 B
20.6.49

No. 305/48 (8) - El (I).

P. W. D.,
B.C., (Bombay No 1)
12th April 1950.

To,
M/s. The Nipani Electricity Coy. Ltd.,
Nipani.

Subject: To replace the existing worn out sets and to have a reliable stand by plant - Electric supply at Nipani

Dear Sirs,

Reference:- Correspondence ending with your letter No 156, dt- 16-6-'49.

It- It is considered that it will be necy. for you to run the new set daily as the capacity of all the three old sets together is inadequate to accomodate the peak load of 148 KW. # It will not thus be possible for you to carry out overhauling and repairs to the new set unless the new additional set is ordered out which will also serve as a stand-by plant. It is doubtful whether it is possible to carry out proper reconditioning of the two old sets of 39 KW each as stated by you. You are therefore requested to order out an additional set of adequate capacity in order to replace the existing worn out sets & to have a reliable stand-by plant.

D/A: Nil.

Yours faithfully
J. A. Leary
Executive Engineer
Copy -

8

Copy forwarded, for information, to
~~the~~ El. Engr. to Govt. (with ref. to his
~~memo~~ D.O. 6(NLS).
memo no. LRM 31/10241, dated 28-2-50),
Tuticorin Commr. with the Govt. of Bihar.

6.4.50.

Sukhar (WE)
7/4

D.S.

No.305/48(8)-El.(I).

Public Works Department,
Bombay Castle (Bombay No.1),
12th April 1950.

From

The Assistant Secretary to the Government of Bombay,
Public Works Department.

To

Messrs. The Nipani Electricity Company, Limited,
NIPANI.

Subject:- Electric Supply at Nipani.

.....

Dear Sirs,

Reference: Correspondence resting with your letter No.156, dated 16th June 1949.

2. It is considered that it will be necessary for you to run the new set daily as the capacity of all the three old sets together is inadequate to accommodate the peak load of 148 kW. It will not thus be possible for you to carry out overhauling and repairs to the new set unless the new additional set is ordered out which will also serve as a stand-by plant. It is doubtful whether it is possible to carry out proper reconditioning of the two old sets of 39 kW. ~~xxx~~ each as stated by you. You are, therefore, requested to order out an additional set of adequate capacity in order to replace the existing worn-out sets and to have a reliable stand-by plant.

Yours faithfully,

Assistant Secretary to the Government of Bombay,
Public Works Department.

D.A.-Nil.

.....

Copy forwarded for information to -

the Electrical Engineer to Government (with reference to his memorandum No.LRM.31/10241, ~~dated the~~ 28th February 1950),
the Electrical Commissioner
with the Government of Bombay.

5
BAK
12/4/50.

11

# THE NIPANI ELECTRICITY Co. LIMITED.

REF. NO. 239 of 1950/51. NIPANI, 14th July, 1950.

The Assistant Secretary to The Government of Bombay,
Public Works Department,
B O M B A Y.

Sub : Electric Supply at Nipani.

Ref : Your letter No.305/48(8)-El.(I).dated 12-4-1950.

Dear Sir,

With reference to your above letter we mention here that, the generating sets installed in our power station are as below :

1). 39 KW Deutz diesel set takes at present 25 KW lead.
2). 39 KW Deutz diesel set takes at present 25 KW lead.
3). 100Kw Davey Paxman diesel set takes at present 80 KW lead. ( This set will not work for a year more as the crankshaft ordered out for replacing the broken one will take a year's time to receive it here from England.)
4). 140 KW SLM diesel set takes at present 110 KW load. Installed in November 1950.

For No.1 and No.2 generating sets delicate spare parts, such as Nozzles, fuel pump elements, fuel pump cams, worth Rs.2000/- have been ordered out by us from makers two months ago and they are expected here within next two months. As soon as these spares we will receive the conditions of these sets will improve and they will take 30 KW load. These spares were not available upti now. The other spare parts such as piston rings, valve cones, bushes etc. we manufacture at our workshop. The Paxman generating set will also improve as we are having th thorough overhauling within this year, as we have sufficient time for this work as the new crankshaft will take a year's time to arrive. The SLM generating set is a new one and is giving good service. We have placed an order for all the necessary spare parts worth about Rs.4000/-. These spares we will receive within next two months.

The present peakload in the evening is about 110 KW to 120 KW between 7-30 P.M. to 9-0 P.M.. There are about 900 consumers connected for lighting purposes and no applications for new connections for lighting purposes are pending and we expect very few new connections for lighting purposes in the near future.

There are 21 flour mills running on our Electric supply having 80-90 KW average load on our station. For a population of 20,000 here, we do not expect

(P.T.O.)

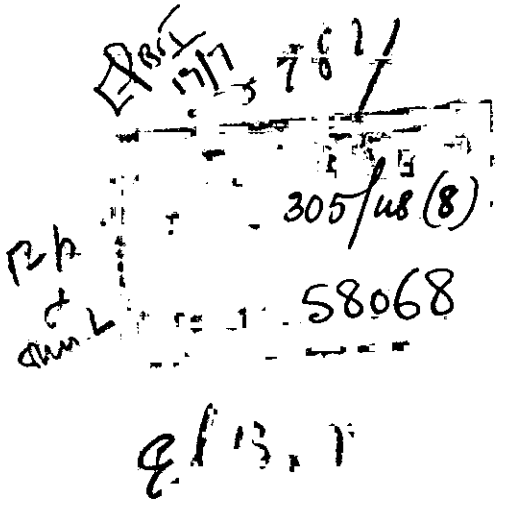
any more demand for power for flour mills here and there is no possibility for a demand for power load for other industrial purposes, in near future.

Thus, we do not think, it is necessary to order out a new generating set immediately.

Yours faithfully,
For The Nipani Electricity Co., Ltd.

S. V. Sane
Resident Engineer.

GSK.



13 305/48(8)
66930.

NO. 305/48 (8)-E1(1).

P.W.D.
B.C., (Bombay no I)
30th Aug 1950.

To

Messrs. The Nipani Elecy. Coy. Ltd.,
Nipani.

Subject: Electric Supply at Nipani

Dear Sirs,

I am directed to refer to your letter No. 11. 239, dated the 14-7-50, on the above subject and to state that in the circumstances stated therein, Govt agrees that an additional set need not be purchased, at present.

DA. nil.

Yours faithfully,
Asstt Secy. to Govt.

Copy forwarded for information to the Elect. Engr to Govt. (with reference to his no LRIN 31/6750 13, dated the 12/16 Aug 1950) the Elect. Commr. with the Govt of Bombay, (with reference to GE. no 305/48-E1(1), dated the 12-4-50) pages.

24/8/50
26.

JBL
on 31-8-50

Letter.

No.PLE-BM-2A/ 2134
Electric Grid Offices,
Foreshore Road,
Bombay 1: 11 Sept.,1950.

To

The Assistant Secretary to Government,
Public Works Department,
Bombay.

Subject:- Electric Supply at Nipani.

Reference:- Your No.305/48(8)-El(1) dated 30-8-1950.

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I shall thank you to let me have a copy of letter No.239 dated 14th July, 1950 of Nipani Electric Supply Co. Ltd., for records of this office.

G Ramachandra
11.9.50.

For Electrical Commissioner
with the Government of Bombay.

LKK/9/9 .

Letter 17 305/48(8)/74 956

No. 305/48 (8) - El (I)

P. W.D.
B.C. (Bbay No. I)
20th Sept. 1950.

To

The El. Commr. with the Govt.
of Bombay,

Subject: Electric Supply at Nipani

Ref: Your letter No. PLE-BM-2A/21434, dt. the 11-9-50.

2. A copy of letter No. 239, dt. the 14-7-50, from Messrs. The Nipani Electric Supply ...

305/48 (8)/7495

Supply Company, Ltd. - is enclosed as desired.

D.A - Copy of letter

By order etc.

14/9/50.

Asstt - Secy. to Govt.
P.W.D.

APT.DEPT.
21/9

C.L.